**Amendments to the Specification**

Please replace paragraph [0029] with the following amended paragraph:

[0029] Turning to Figure 3, a more detailed schematic diagram of the pipe hole directional drilling apparatus described above is shown. As will be understood, although not shown, the conventional reamer may be easily slotted over the mandrel **18** between the motor **16** and the pullhead/reamer **24**. The motor **16**, the mandrel **18** and the pullhead/reamer **24** may be seen as holing means **44**.

Please replace paragraph [0036] with the following amended paragraph:

[0036] Turning to Figure 6, a detailed schematic of the connection between the pipe and the mandrel and pullhead/reamer is shown in cross-section. The pullhead/reamer **24** is screwed onto the end of the mandrel **18** after the drill bit has been removed. After the pullhead/reamer **24** has been attached, the steel connect **28** is then attached to the mandrel **18** via the bearing assembly **32** comprising a set of bearings **54** and associated supports **56**. A set of ~~teflon~~ TEFLON™ wear pads **58** are preferably placed between the inside of the pullhead/reamer **24** and the outside of the steel connect **28** in order to prevent the drilling fluid from re-entering the pullhead/reamer after it has been released by the jets **50** and to prevent wear and tear between the pullhead/reamer **24** and the steel connect **28** during the pipe hole directional drilling process since the pullhead/reamer **24** is rotating while the steel connect **28** is stationary (with respect to rotation). The bearings **54** are slotted over the mandrel **18** with their supports **56** fastened to the inside of the steel connect **28**. The ends of the supports **56** which contact the inside of the steel connect **28** are preferably welded to the steel connect **28**.

Please replace paragraph [0038] with the following amended paragraph:

[0038] In this figure, the slurry jets **50** may be more clearly seen. The bentonite is delivered from the reservoir, via the pump, down through the inside of the mandrel to a manifold **64** at the front of the pullhead/reamer **24** which then distributes the bentonite to the slurry jets **50**. The flow of the bentonite is more clearly shown by arrows **66**.